RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/787,497
Source: 1600-EFS
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IFW16

RAW SEQUENCE LISTING DATE: 08/16/2006
PATENT APPLICATION: US/10/787,497 TIME: 11:05:36

Input Set : N:\efs\10787497_efs\SEQUENCE_LISTING.txt
Output Set: N:\CRF4\08162006\J787497.raw

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  3 <110> APPLICANT: Bals, Robert
  4       Koczulla, Andreas R
  5       Degenfeld-Schonburg, George Johannes
  7 <120> TITLE OF INVENTION: MODULATING ANGIOGENESIS USING LL-37/HCAP-18
  9 <130> FILE REFERENCE: 68004167-001001
 11 <140> CURRENT APPLICATION NUMBER: 10/787497
C--> 12 <141> CURRENT FILING DATE: 2004-02-16
 14 <150> PRIOR APPLICATION NUMBER: EP1358888
 15 <151> PRIOR FILING DATE: 2003-02-27
 17 <160> NUMBER OF SEQ ID NOS: 7
 19 <170> SOFTWARE: PatentIn version 3.3
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 37
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Homo sapiens
 26 <400> SEQUENCE: 1
 28 Leu Leu Gly Asp Phe Phe Arg Lys Ser Lys Glu Lys Ile Gly Lys Glu
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 32 Phe Lys Arg Ile Val Gln Arg Ile Lys Asp Phe Leu Arg Asn Leu Val
 33             20                  25                  30
 36 Pro Arg Thr Glu Ser
 37         35
 40 <210> SEQ ID NO: 2
 41 <211> LENGTH: 170
 42 <212> TYPE: PRT
 43 <213> ORGANISM: Homo sapiens
 45 <300> PUBLICATION INFORMATION:
 46 <308> DATABASE ACCESSION NO: P49913
 47 <309> DATABASE ENTRY DATE: 2006-06-13
 48 <313> RELEVANT RESIDUES: (1)..(170)
 50 <400> SEQUENCE: 2
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 57             20                  25                  30
 60 Leu Ser Tyr Lys Glu Ala Val Leu Arg Ala Ile Asp Gly Ile Asn Gln
 61         35                  40                  45
 64 Arg Ser Ser Asp Ala Asn Leu Tyr Arg Leu Leu Asp Leu Asp Pro Arg
 65     50                  55                  60
 68 Pro Thr Met Asp Gly Asp Pro Asp Thr Pro Lys Pro Val Ser Phe Thr
 69 65                  70                  75                  80
 72 Val Lys Glu Thr Val Cys Pro Arg Thr Thr Gln Gln Ser Pro Glu Asp
 73                 85                  90                  95
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76 Cys Asp Phe Lys Lys Asp Gly Leu Val Lys Arg Cys Met Gly Thr Val
77             100                 105                 110
80 Thr Leu Asn Gln Ala Arg Gly Ser Phe Asp Ile Ser Cys Asp Lys Asp
81         115                 120                 125
84 Asn Lys Arg Phe Ala Leu Leu Gly Asp Phe Phe Arg Lys Ser Lys Glu
85     130                 135                 140
88 Lys Ile Gly Lys Glu Phe Lys Arg Ile Val Gln Arg Ile Lys Asp Phe
89 145                 150                 155                 160
92 Leu Arg Asn Leu Val Pro Arg Thr Glu Ser
93                 165                 170
96 <210> SEQ ID NO: 3
97 <211> LENGTH: 739
98 <212> TYPE: DNA
99 <213> ORGANISM: Homo sapiens
101 <300> PUBLICATION INFORMATION:
102 <308> DATABASE ACCESSION NO: NM_004345
103 <309> DATABASE ENTRY DATE: 2006-07-23
104 <313> RELEVANT RESIDUES: (1)..(739)
106 <400> SEQUENCE: 3
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111 gggaggcaga catggggacc atgaagaccc aaagggatgg ccactccctg gggcggtggt    180
113 cactggtgct cctgctgctg ggcctggtga tgcctctggc catcattgcc caggtcctca    240
115 gctacaagga agctgtgctt cgtgctatag atggcatcaa ccagcggtcc tcggatgcta    300
117 acctctaccg cctcctggac ctggacccca ggcccacgat ggatggggac ccagacacgc    360
119 caaagcctgt gagcttcaca gtgaaggaga cagtgtgccc caggacgaca cagcagtcac    420
121 cagaggattg tgacttcaag aaggacgggc tggtgaagcg gtgtatgggg acagtgaccc    480
123 tcaaccaggc caggggctcc tttgacatca gttgtgataa ggataacaag agatttgccc    540
125 tgctgggtga tttcttccgg aaatctaaag agaagattgg caaagagttt aaaagaattg    600
127 tccagagaat caaggatttt ttgcggaatc ttgtacccag gacagagtcc tagtgtgtgc    660
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131 aaaaaaaaaa aaaaaaaaa                                               739
134 <210> SEQ ID NO: 4
135 <211> LENGTH: 3324
136 <212> TYPE: DNA
137 <213> ORGANISM: Homo sapiens
139 <300> PUBLICATION INFORMATION:
140 <308> DATABASE ACCESSION NO: X96735
141 <309> DATABASE ENTRY DATE: 2004-09-09
142 <313> RELEVANT RESIDUES: (1)..(3324)
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149 aggggtatag atggagcaga gccttcgtct ggctgacggc tgggtccaga gagcatgtgg    180
151 tatggccttg aactgaaagg gcaacttgtc ccttgcaaga gtgagtctct aggttggggt    240
153 ggctactgtc ttcatttacc agttcttttt ttttttcat actgagtctc actctgttac    300
155 ccaggctgga gtgcagtggc atgatctcag ctaactgcaa cttctgcttc ccgggttcaa    360
157 tgggttcaag tgattctcat gcctcagctt gtagctggga ctacaggtgt gagccatcat    420
159 gcgtggctaa ttttcatatt tttagtagag atgggtttca ccatgttggc caagcttgtc    480
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161 tcgaactcct tatctcaggt gatccgccca ccttggcctc ccaaagtgct gggattatag 540
163 gcgtgagcca ccgtgccctg cctcattcat caattcttaa tcgatgccta cagggtgcca 600
165 ggcaatgcct agagctggag atttagcact ccatcatact gactcctgag gagtagaagg 660
167 atgtagatag gcacctggct ctcttcctct ctggagggat ttaacgctct tgagcacccc 720
169 tggctatgac aatctccggt caggtctggg aggttgtcag agatgaagaa accacttcct 780
171 catcttgcac acaaggaagg cctcactcac tgcccagcaa gtcctgtgaa gcaatagcca 840
173 ggggctaaag caaaccccag cccacaccct ggcaggcagc cagggatggg tggatcagga 900
175 aggctcctgg ttgggctttt gcatcaggct caggctgggc ataaaggagg ctcctgtggg 960
177 ctagagggag gcagacatgg gaccatgaag acccaaaggg atggccactc cctggggcgg 1020
179 tggtcactgg tgctcctgct gctgggcctg gtgatgcctc tggccatcat tgcccaggtc 1080
181 ctcagctaca aggaagctgt gcttcgtgct atagatggca tcaaccagcg gtcctcggat 1140
183 gctaacctct accgcctcct ggacctggac cccaggccca cgatggtgag ctttggggga 1200
185 cattctgctc tgctctggct gggcttggcc acgtgttgtt ccttctgctc ctgctgcact 1260
187 gcctgccagg agggcatctc ccccttaaa tgtggtcccg tgttttccag ggaaccttct 1320
189 agagctcgtg tctcctccca gctcgagagc ttcctgcctt ataattcctg ctgtggcaga 1380
191 gataccctca ccccgacccc acgcaggttt tgggacttct gcgagctcca ggcactagaa 1440
193 tggggtcatt ggctctgggc agtgacctcc tctgctttaa gtctcttctg taccacgtta 1500
195 ccccacatag ggaagaactc aatccagact ttaggttcca gtgggcatgt cttgtccccc 1560
197 aggaagcccc tgacttccct tgcccccacc ccagagtggg aggggctcct tgtaagagct 1620
199 catctgaggt ctgctcctac tcactgttca cctaggaggg taggaatggc tcagtcctcc 1680
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205 cctccccatt tcctcctctg actaggatgg ggacccagac acgccaaagc ctgtgagctt 1860
207 cacagtgaag gagacagtgt gccccaggac gacacagcag tcaccagagg attgtgactt 1920
209 caagaaggac ggggtgaggc tgggggctgg gggtgttggt gggtgcctcc caaggagctg 1980
211 aacagggggc acctggggaa tatttcccac tgggatgtgg ctgggaggtc atggcaaatg 2040
213 gtttcaagtt tgaccttgag cttctccttt ccagctggtg aagcggtgta tggggacagt 2100
215 gaacctcaac caggccaggg gctcctttga catcagttgt gataaggtga gtgggctgtt 2160
217 ctgggatgca ggggctgatg ggggcataga gtgtggacca tccaatgggt caattaacta 2220
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221 tccatctcca aggccggctc tggaatccct tagagcggta gatctccaag tgtagccctt 2340
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229 gctgggctgg gctgtgtgac cctgcagagc ccctcactat ctccgggact ctgttttctc 2580
231 atcttttat tgggtgtagg gattcaatca catgcttcaa aggtcacagc cagaggttga 2640
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245 actgagccct tagctcaggg agtccacgtg tgagtgtgag tgtgtgtgag tgtgacacag 3060
247 aggtggcgag ggcagtgttc catccaggag gacacagggt aaggcagtag ggccaagaga 3120
249 tccaagatgg cattcccatt ctcagtggaa cccccagtgg gaattaagga gctctactct 3180
251 gtgtgtggtg gtgggggaat gctgtggagc tgttcctgct catggggagg tgacattcaa 3240
253 gggaggggcc aacgtggggt gtaaactcac agaagcatgt tcattccata ggttttcggc 3300
255 aacttgtgag cgtacccgag aaaa 3324
258 <210> SEQ ID NO: 5

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     259 <211> LENGTH: 23
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     261 <213> ORGANISM: Artificial
     263 <220> FEATURE:
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     266 <400> SEQUENCE: 5
     267 gaccttggat tcttgctcta gtc                                          23
     270 <210> SEQ ID NO: 6
     271 <211> LENGTH: 21
     272 <212> TYPE: DNA
     273 <213> ORGANISM: Artificial
     275 <220> FEATURE:
     276 <223> OTHER INFORMATION: Synthetic oligonucleotide
     278 <400> SEQUENCE: 6
     279 ccatcctcac aatgcctgta a                                            21
     282 <210> SEQ ID NO: 7
     283 <211> LENGTH: 6
     284 <212> TYPE: PRT
     285 <213> ORGANISM: Artificial
     287 <220> FEATURE:
     288 <223> OTHER INFORMATION: synthetic peptide
     291 <220> FEATURE:
W--> 292 <221> NAME/KEY: D-Methionine
     293 <222> LOCATION: (6)..(6)
     294 <223> OTHER INFORMATION: D-form of the amino acid methionine
     296 <400> SEQUENCE: 7
     298 Trp Lys Tyr Met Val Met
     299 1               5
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/16/2006
PATENT APPLICATION: US/10/787,497 TIME: 11:05:37

Input Set : N:\efs\10787497_efs\SEQUENCE_LISTING.txt
Output Set: N:\CRF4\08162006\J787497.raw

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:5,6,7

VERIFICATION SUMMARY DATE: 08/16/2006
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Input Set : N:\efs\10787497_efs\SEQUENCE_LISTING.txt
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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:292 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7